

8. (Amended) A method according to claim 1, further comprising the step of verifying that the position and orientation of the surface of the first part relates in a predetermined manner to the position and orientation of the surface of the second part local to the determined assembly location.

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9. (Amended) A method according to claim 1, wherein the step of determining the assembly location is carried out using a retro-reflector supported relative to a guide hole located in the second part.

10. (Amended) A method according to claim 1, wherein at least one measuring step or the step of indicating is carried out using a non-contact technique.

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12. (Amended) A computer program comprising program code means for performing the method steps of measuring, calculating and indicating as defined in claim 1 when the program is run on a computer and/or other processing means associated with suitable measuring and indicating means.

13. (Amended) A computer program product comprising program code means stored on a computer readable medium for performing the method steps of measuring, calculating and indicating as defined in claim 1 when the program is run on a computer and/or other processing means associated with suitable measuring and indicating means.